CLAIMS

What is claimed is:

- 1 1. A method for testing a computer system board, comprising:
- 2 loading the computer system board into a test apparatus;
- automatically coupling a power input to the circuit board via the test
- 4 apparatus;
- 5 automatically performing a plurality of computer system board tests; and
- storing results of the automatic testing.
- 1 2. The method of claim 1, further comprising:
- 2 determining a type of the computer system board; and
- automatically supplying the computer system board with a corresponding set
- 4 of power inputs during the automatic testing operations.
- 1 3. The method of claim 2, further comprising sequencing a plurality of power
- 2 input signals in response to corresponding power command signals provided by the
- 3 computer system board.
- 1 4. The method of claim 1, wherein the plurality of system board tests include
- 2 testing the computer system board for short circuits.
 - 5. The method of claim 1, wherein the plurality of system board tests include testing a video subsystem of the computer system board.
- 1 6. The method of claim 1, further comprising automatically inserting one or more
- 2 memory devices into corresponding connectors on the computer system board.

- 1 7. The method of claim 1, further comprising automatically inserting a
- 2 microprocessor into a corresponding connector on the computer system board.
- 1 8. The method of claim 1, further comprising automatically operatively coupling
- 2 a peripheral card to an expansion slot on the computer system board.
- 1 9. The method of claim 1, further comprising automatically connecting test
- 2 electronics to at least input/output (I/O) port connector.
- 1 10. The method of claim 9, wherein said at least one I/O port connector
- 2 comprises at least two I/O port connectors, each having a different connection axis.
- 1 11. The method of claim 1, further comprising:
- determining a type of the computer system board; and automatically
- 3 performing a particular set of computer system board tests corresponding to the type
- 4 of computer system board that is determined.
- 1 12. The method of claim 11, wherein the type of computer system board is
- 2 determined by performing the operations of:
- 3 storing data in a database relating respective serial numbers of a plurality of
- 4 computer system boards with corresponding computer system board types;
- scanning a serial number bar code on a given computer system board that is
- 6 to be tested; and
- 7 determining the system board type of that computer system board via a
- 8 lookup of the database using the serial number that was scanned.

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